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**(54) Title: ALPHA MACROGLOBULIN FAMILY MEMBERS**

pCR4-TOPO-INSPO88-CP2/-CP3, 6209 bps DNA Circular				
Type	Start	End	Name	Description
MARKER	205		M13R	M13 rev priming site
MARKER	243		T3	T3 priming site
REGION	295	2546	Insert	
MARKER	295		CP3	INSPO88-CP3 cloning primer
GENE	336	2531	cds	INSPO88 macroglobulin domain cds
MARKER	794		SP1	INSPO88-SP1 sequencing primer
MARKER	1221		SP2	INSPO88-SP2 sequencing primer
MARKER	1689		SP3	INSPO88-SP3 sequencing primer
MARKER	2240		CP1	INSPO88-CP1 amplification primer
MARKER	2527	C	CP2	INSPO88-CP2 cloning primer
MARKER	2532		stop	INSPO88 stop codon
MARKER	2580	C	T7	T7 priming site
MARKER	2607		M13F	M13 forward priming site
GENE	3411	4205	Kan	Kanamycin resistance gene ORF
GENE	4409	5269	Amp	Ampicillin resistance gene ORF
REGION	5414	6087	rufC ori	rufC origin

**(57) Abstract:** This invention relates to two proteins, termed INSP087, herein identified as members of the alpha macroglobulin family, in particular as alpha-2-macroglobulin-like proteinase inhibitors, and to the use of these proteins and nucleic acid sequences from the encoding genes in the diagnosis, prevention and treatment of disease.

